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30 AUG 2009 HIGHEST RN 1178163-40-0 STRUCTURE FILE UPDATES: DICTIONARY FILE UPDATES: 30 AUG 2009 HIGHEST RN 1178163-40-0

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=> activate ele983319/A L1 STR

L2 848 SEA FILE=REGISTRY SSS FUL L1

=> s 12 and caplus/lc 68359697 CAPLUS/LC

L3 759 L2 AND CAPLUS/LC => s 12 not 13 L489 L2 NOT L3 => s 14 and ED<20041118 75950997 ED<20041118 (ED<20041118) 29 L4 AND ED<20041118 L5 => d 1-29ANSWER 1 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN L5 781590-26-9 REGISTRY RN ED Entered STN: 16 Nov 2004 2(1H) -Quinolinone, 6-[[4-[methyl(2-phenylethyl)amino]-1-CN piperidinyl]carbonyl]-8-nitro- (CA INDEX NAME) OTHER CA INDEX NAMES: CN 4-Piperidinamine, 1-[(1,2-dihydro-8-nitro-2-oxo-6-quinolinyl)carbonyl]-Nmethyl-N-(2-phenylethyl)- (9CI) MFC24 H26 N4 O4 CI COM SR CA

$$\begin{array}{c|c} & & & & \\ & & & \\ \text{Ph-CH}_2\text{-CH}_2\text{-N} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ \end{array}$$

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 2 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN RN 779300-92-4 REGISTRY ED Entered STN: 12 Nov 2004 2(1H)-Quinolinone, 4-methyl-6-[[4-[methyl(2-phenylethyl)amino]-1-CN piperidinyl]carbonyl]- (CA INDEX NAME) OTHER CA INDEX NAMES: 4-Piperidinamine, 1-[(1,2-dihydro-4-methyl-2-oxo-6-quinolinyl)carbonyl]-N-CN methyl-N-(2-phenylethyl)- (9CI) MFC25 H29 N3 O2 CI COM SR CA

$$\begin{array}{c|c} & & & \\ & & \\ \text{Ph-CH}_2\text{-CH}_2\text{-N} & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ \end{array}$$

L5 ANSWER 3 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN

RN 779280-94-3 REGISTRY

ED Entered STN: 11 Nov 2004

CN 2(1H)-Quinolinone, 6-[[4-(3-methylbutyl)-1-piperazinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Piperazine, 1-[(1,2-dihydro-2-oxo-6-quinolinyl)carbonyl]-4-(3-methylbutyl)-(9CI)

MF C19 H25 N3 O2

CI COM

SR CA

- L5 ANSWER 4 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 777042-53-2 REGISTRY
- ED Entered STN: 09 Nov 2004
- CN 2(1H)-Quinolinone, 6-hydroxy-5-(1-pyrrolidinylmethyl)- (CA INDEX NAME)
- MF C14 H16 N2 O2
- CI COM
- SR CA

L5 ANSWER 5 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN

RN 776270-46-3 REGISTRY

ED Entered STN: 08 Nov 2004

CN 2(1H)-Quinolinone, 5-[[4-[methyl(2-phenylethyl)amino]-1-piperidinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 4-Piperidinamine, 1-[(1,2-dihydro-2-oxo-5-quinolinyl)carbonyl]-N-methyl-N-(2-phenylethyl)- (9CI)

MF C24 H27 N3 O2

CI COM

SR CA

- L5 ANSWER 6 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 772293-29-5 REGISTRY
- ED Entered STN: 29 Oct 2004
- CN 2(1H)-Quinolinone, 6-[[4-[(4-methylphenyl)methyl]-1-piperazinyl]carbonyl]-

(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Piperazine, 1-[(1,2-dihydro-2-oxo-6-quinoliny1)carbony1]-4-[(4methylpheny1)methyl]- (9CI)

MF C22 H23 N3 O2

CI COM

SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- L5 ANSWER 7 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 767616-94-4 REGISTRY
- ED Entered STN: 24 Oct 2004
- CN 2(1H)-Quinolinone, 4-(3-chlorophenyl)-6-[(4-chlorophenyl)(1-methyl-1H-imidazol-5-yl)(4-methyl-1-piperazinyl)methyl]-1-(cyclopropylmethyl)- (CA INDEX NAME)
- MF C35 H35 C12 N5 O
- CI COM
- SR CA

- L5 ANSWER 8 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 765896-95-5 REGISTRY
- ED Entered STN: 20 Oct 2004
- CN 2(1H)-Quinolinone, 6-[[4-[methyl(2-phenylethyl)amino]-1-piperidinyl]carbonyl]-8-propyl- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 4-Piperidinamine, 1-[(1,2-dihydro-2-oxo-8-propyl-6-quinolinyl)carbonyl]-N-methyl-N-(2-phenylethyl)- (9CI)

MF C27 H33 N3 O2

CI COM

SR CA

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & &$$

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 9 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN

RN 765853-83-6 REGISTRY

ED Entered STN: 19 Oct 2004

CN 2(1H)-Quinolinone, 6-(1-piperazinylcarbonyl)- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Piperazine, 1-[(1,2-dihydro-2-oxo-6-quinoliny1)carbony1]- (9CI)

MF C14 H15 N3 O2

CI COM

SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 10 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN

RN 764603-80-7 REGISTRY

ED Entered STN: 17 Oct 2004

CN 2(1H)-Quinolinone, 6-[[4-(4-chlorobenzoy1)-1-piperaziny1]carbony1]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Piperazine, 1-(4-chlorobenzoyl)-4-[(1,2-dihydro-2-oxo-6-quinolinyl)carbonyl]- (9CI)

MF C21 H18 C1 N3 O3

CI COM

SR CA

L5 ANSWER 11 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN

RN 757917-87-6 REGISTRY

ED Entered STN: 06 Oct 2004

CN 2(1H)-Quinolinone, 8-(1-methylethyl)-6-[[4-[methyl(2-phenylethyl)amino]-1-piperidinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 4-Piperidinamine, 1-[[1,2-dihydro-8-(1-methylethyl)-2-oxo-6-quinolinyl]carbonyl]-N-methyl-N-(2-phenylethyl)- (9CI)

MF C27 H33 N3 O2

CI COM

SR CA

$$\begin{array}{c|c} & \text{i-Pr} & \text{H} & \text{O} \\ & \text{N} & \text{C} & \text{N} \\ & \text{Ph-CH}_2\text{-CH}_2\text{-N} \\ & \text{Me} \end{array}$$

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 12 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN

RN 751434-93-2 REGISTRY

ED Entered STN: 24 Sep 2004

CN 2(1H)-Quinolinone, 8-[[4-(phenylmethyl)-1-piperazinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Piperazine, 1-[(1,2-dihydro-2-oxo-8-quinolinyl)carbonyl]-4-(phenylmethyl)- (9CI)

MF C21 H21 N3 O2

CI COM

SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- L5 ANSWER 13 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 749833-97-4 REGISTRY
- ED Entered STN: 23 Sep 2004
- CN 2-Quinoxalinecarboxylic acid, 3,4-dihydro-7-(4-morpholinylmethyl)-6-nitro-3-oxo- (CA INDEX NAME)
- MF C14 H14 N4 O6
- CI COM
- SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- L5 ANSWER 14 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 749162-32-1 REGISTRY
- ED Entered STN: 21 Sep 2004
- CN 2(1H)-Quinolinone, 6-[[4-(3-phenylpropyl)-1-piperazinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

- CN Piperazine, 1-[(1,2-dihydro-2-oxo-6-quinolinyl)carbonyl]-4-(3-phenylpropyl)- (9CI)
- MF C23 H25 N3 O2
- CI COM
- SR CA

- L5 ANSWER 15 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 748086-64-8 REGISTRY
- ED Entered STN: 19 Sep 2004
- CN 2(1H)-Quinolinone, 8-[[4-(2-methylpropyl)-1-piperazinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

- CN Piperazine, 1-[(1,2-dihydro-2-oxo-8-quinolinyl)carbonyl]-4-(2methylpropyl)- (9CI)
- MF C18 H23 N3 O2
- CI COM
- SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- L5 ANSWER 16 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 746581-26-0 REGISTRY
- ED Entered STN: 17 Sep 2004
- CN 2(1H)-Quinolinone, 1-methyl-6-[[4-[methyl(2-phenylethyl)amino]-1-piperidinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

- CN 4-Piperidinamine, 1-[(1,2-dihydro-1-methyl-2-oxo-6-quinolinyl)carbonyl]-N-methyl-N-(2-phenylethyl)- (9CI)
- MF C25 H29 N3 O2
- CI COM
- SR CA

$$\begin{array}{c|c} & & & \\ & & & \\ \text{Ph-CH}_2\text{-CH}_2\text{-N} \\ & & \\ & & \\ \text{Me} \end{array}$$

L5 ANSWER 17 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN

RN 742652-78-4 REGISTRY

ED Entered STN: 10 Sep 2004

CN 2(1H)-Quinolinone, 5-[[4-(3-phenylpropyl)-1-piperazinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Piperazine, 1-[(1,2-dihydro-2-oxo-5-quinolinyl)carbonyl]-4-(3-phenylpropyl)- (9CI)

MF C23 H25 N3 O2

CI COM

SR CA

- L5 ANSWER 18 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 742646-84-0 REGISTRY
- ED Entered STN: 10 Sep 2004
- CN 2(1H)-Quinolinone, 8-hydroxy-5-(hydroxy-2-piperidinylmethyl)- (CA INDEX NAME)
- MF C15 H18 N2 O3

CI COM SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 19 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN

RN 740040-66-8 REGISTRY

ED Entered STN: 05 Sep 2004

CN 2(1H)-Quinolinone, 5-[[4-(1,3-benzodioxol-5-ylmethyl)-1-piperazinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Piperazine, 1-(1,3-benzodioxol-5-ylmethyl)-4-[(1,2-dihydro-2-oxo-5-quinolinyl)carbonyl]- (9CI)

MF C22 H21 N3 O4

CI COM

SR CA

$$\begin{array}{c|c} & H & \\ \hline \\ O & C & N \end{array}$$

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- L5 ANSWER 20 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 736094-16-9 REGISTRY
- ED Entered STN: 30 Aug 2004
- CN 2(1H)-Quinolinone, 6-[[4-[(4-methoxyphenyl)methyl]-1-piperazinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Piperazine, 1-[(1,2-dihydro-2-oxo-6-quinolinyl)carbonyl]-4-[(4-methoxyphenyl)methyl]- (9CI)

MF C22 H23 N3 O3

CI COM SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- L5 ANSWER 21 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 736092-68-5 REGISTRY
- ED Entered STN: 30 Aug 2004
- CN 2(1H)-Quinolinone, 6-[[4-[(3,4-dichlorophenyl)methyl]-1-piperazinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

- CN Piperazine, 1-[(3,4-dichlorophenyl)methyl]-4-[(1,2-dihydro-2-oxo-6-quinolinyl)carbonyl]- (9CI)
- MF C21 H19 C12 N3 O2
- CI COM
- SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- L5 ANSWER 22 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 719989-40-9 REGISTRY
- ED Entered STN: 30 Jul 2004
- CN 2(1H)-Quinolinone, 5-[[4-(2-methylpropyl)-1-piperazinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

- CN Piperazine, 1-[(1,2-dihydro-2-oxo-5-quinolinyl)carbonyl]-4-(2methylpropyl)- (9CI)
- MF C18 H23 N3 O2
- CI COM
- SR CA

L5 ANSWER 23 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN

RN 717093-36-2 REGISTRY

ED Entered STN: 27 Jul 2004

CN 2(1H)-Quinolinone, 6-[[4-(methylamino)-1-piperidinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 4-Piperidinamine, 1-[(1,2-dihydro-2-oxo-6-quinolinyl)carbonyl]-N-methyl-(9CI)

MF C16 H19 N3 O2

CI COM

SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 24 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN

RN 706755-69-3 REGISTRY

ED Entered STN: 09 Jul 2004

CN 2(1H)-Quinolinone, 5-hydroxy-6-(1-piperidinylmethyl)-8-(2-propen-1-yloxy)- (CA INDEX NAME)

OTHER CA INDEX NAMES:

MF C18 H22 N2 O3

CI COM

SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 25 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN

RN 689733-27-5 REGISTRY

ED Entered STN: 04 Jun 2004

CN 2(1H)-Quinolinone, 6-[[4-(2-phenoxyethyl)-1-piperazinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Piperazine, 1-[(1,2-dihydro-2-oxo-6-quinolinyl)carbonyl]-4-(2phenoxyethyl)- (9CI)

MF C22 H23 N3 O3

CI COM

SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 ANSWER 26 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN

RN 687613-01-0 REGISTRY

ED Entered STN: 30 May 2004

CN 2(1H)-Quinolinone, 6-[[4-(2-methylpropyl)-1-piperazinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Piperazine, 1-[(1,2-dihydro-2-oxo-6-quinolinyl)carbonyl]-4-(2methylpropyl)- (9CI)

MF C18 H23 N3 O2

CI COM

SR CA

$$\begin{array}{c|c} & & & \\ & & \\ & & \\ i-Bu \end{array}$$

L5 ANSWER 27 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN

RN 569343-96-0 REGISTRY

ED Entered STN: 19 Aug 2003

CN 2(1H)-Quinolinone, 8-ethyl-6-[[4-[methyl(2-phenylethyl)amino]-1-piperidinyl]carbonyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 4-Piperidinamine, 1-[(8-ethyl-1,2-dihydro-2-oxo-6-quinolinyl)carbonyl]-N-methyl-N-(2-phenylethyl)- (9CI)

MF C26 H31 N3 O2

CI COM

SR CA

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

- L5 ANSWER 28 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN
- RN 343921-37-9 REGISTRY
- ED Entered STN: 29 Jun 2001
- CN 2-Naphthalenesulfonamide, N-[[(3S)-1-[(1,2-dihydro-2-oxo-5-quinolinyl)methyl]-2-oxo-3-pyrrolidinyl]methyl]-7-methoxy- (CA INDEX NAME)
- FS STEREOSEARCH
- MF C26 H25 N3 O5 S
- CI COM
- SR CA

Absolute stereochemistry.

L5 ANSWER 29 OF 29 REGISTRY COPYRIGHT 2009 ACS on STN

RN 343921-33-5 REGISTRY

ED Entered STN: 29 Jun 2001

CN 2-Naphthalenesulfonamide, N-[[(3S)-1-[(1,2-dihydro-2-oxo-7-quinolinyl)methyl]-2-oxo-3-pyrrolidinyl]methyl]-7-methoxy- (CA INDEX NAME)

FS STEREOSEARCH

MF C26 H25 N3 O5 S

CI COM

SR CA

Absolute stereochemistry.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

=> log h COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE TOTAL ENTRY SESSION 77.83 80.45

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 18:53:58 ON 31 AUG 2009